

Claims

What is claimed is:

1. A method for associating actions of a business workflow process to at least one technological component, comprising:

providing an abstract model of the business workflow process;

breaking the abstract model into at least one executable representing business operations; and

using a binding separate from the abstract model to link the at least one executable to the at least one technological component.

2. The method of claim 1, the binding linking the at least one executable to a plurality of technological components.

3. The method of claim 1, the at least one executable being a plurality of executables representing a plurality of business operations.

4. The method of claim 1, the binding linking the plurality of executables to a plurality of technological components.

5. The method of claim 1, the binding calling a scheduler that schedules the order of execution of the at least one executable.

6. The method of claim 1, the binding providing specific information regarding a business implementation of the business workflow process.

7. The method of claim 5, further including the step of using a second binding to utilize the abstract business model in a second business implementation.

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10. A system for facilitating modeling of business processes comprised of a plurality of business operations, the system comprising a computer-readable medium and a plurality of computer-executable files comprising:

a scheduling component for defining the flow of business operations; and
a binding component for defining the business operations.

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11. The system of claim 10, the binding component defining technology specific information for binding business operations to at least one technological component.

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12. The system of claim 10, wherein a single business operation can be bound to a plurality of technological components by the binding component.

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13. The system of claim 10, wherein business operations are defined as actions connected by data flowing between them and actions are defined as ports and messages wherein the binding file provides port and message mapping between business operations and between business operations and technological components.

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14. The system of claim 13, wherein the binding defines message structure and declares messages.

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15. The system of claim 10, wherein the binding defines context semantics.

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16. The system of claim 10, wherein the binding defines schedule conditionals.

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17. The system of claim 10, further including a second binding component for binding the schedule component to a second business implementation.

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18. A system for facilitating modeling of business processes comprised of a plurality of business operations, the system comprising a computer-readable medium and a plurality of computer-executable files comprising:

a scheduling component for defining the flow of business operations; and

a binding component for linking at least one of the business operations to at least one technological component.

19. The system of claim 18, wherein a single business operation can be bound to a plurality of technological components by the binding component.

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20. The system of claim 18, wherein business operations are defined as actions connected by data flowing between them and actions are defined as ports and messages wherein the binding file provides port and message mapping between business operations and between business operations and technological components.

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21. The system of claim 18, wherein the binding defines message structure and declares messages.

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23. The system of claim 18, wherein the binding defines context semantics.

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24. The system of claim 18, wherein the binding defines schedule conditionals.

25. A business process scheduling software comprising:
an data flow module adapted to allow a user to define the flow of business operations;
and

a binding module adapted to allow a user to define the link between the business operations and other components.

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26. The software of claim 25, the binding further allowing the user to specify the
business implementation to apply to the business process.

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27. The software of claim 25, the binding further allowing the user to specify

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means for defining the flow of business operations; and

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